



Memo

To: Doug Zimmerman
From: Kevin L. Malone
CC: Geoff DaForno
Date: Monday, October 15, 2007
Re: September Distribution Operator Certification Exam Analysis

The following results are from the June testing cycle which is divided into three regional areas: Northern, Central and Southern Nevada. The exam results were reviewed and an analysis was completed based on the September 12, 2007 exam scores. For each testing cycle, the intention of each analysis is to provide instructors with feedback on areas of deficiencies identified for the state.

Grade 1 – Distribution

Northern Nevada had the following topics as the most missed on the Grade I Water Distribution Operator Exam:

- ◆ Pumps and Motors
- ◆ Water Quality
- ◆ Distribution System Operations
- ◆ Safety
- ◆ Disinfection

Central Nevada had the following topics as the most missed on the Grade I Water Distribution Operator Exam:

- ◆ Pumps and Motors
- ◆ Water Quality
- ◆ Distribution System Operations
- ◆ Disinfection

- ◆ Safety

Southern Nevada had the following topics as the most missed on the Grade I Water Distribution Operator Exam:

- ◆ Water Quality
- ◆ Pumps and Motors
- ◆ Distribution System Operations
- ◆ Safety
- ◆ Disinfection

Grade II – Distribution

Northern Nevada had the following topics as the most missed on the Grade II Water Distribution Operator Exam:

- ◆ Statistically, they were all the same due to only having two examinee in this area. There was no topic that was missed more than others

Central Nevada had the following topics as the most missed on the Grade II Water Distribution Operator Exam:

- ◆ Piping
- ◆ Pumps and Motors
- ◆ Disinfection
- ◆ Water Quality

Southern Nevada had the following topics as the most missed on the Grade II Water Distribution Operator Exam:

- ◆ Water Quality
- ◆ Pumps and Motors
- ◆ Disinfection
- ◆ Distribution Systems Operations
- ◆ Electricity

Grade III – Distribution

Northern Nevada had the following topics as the most missed on the Grade III Water Distribution Operator Exam:

- ◆ Statistically, they were all the same due to only having two examinee in this area. There was no topic that was missed more than others

Central Nevada had the following topics as the most missed on the Grade III Water Distribution Operator Exam:

- ◆ Water Quality
- ◆ Safety
- ◆ Pumps and Motors
- ◆ Distribution System Operations
- ◆ Utility Management

Southern Nevada had the following topics as the most missed on the Grade III Water Distribution Operator Exam:

- ◆ Safety
- ◆ Distribution System Operations
- ◆ Piping
- ◆ Water Quality
- ◆ Pumps and Motors

Grade IV – Distribution

Northern Nevada had the following topics as the most missed on the Grade IV Water Distribution Operator Exam:

- ◆ There were no examinees for this area for the September 12, 2007 testing cycle

Central Nevada had the following topics as the most missed on the Grade IV Water Distribution Operator Exam:

- ◆ Water Quality
- ◆ Utility Management
- ◆ Distribution System Operations
- ◆ Disinfection
- ◆ Safety

Southern Nevada had the following topics as the most missed on the Grade IV Water Distribution Operator Exam:

- ◆ Safety
- ◆ Distribution System Operations
- ◆ Piping
- ◆ Water Quality

◆ Pumps and Motors

We hope this will assist in providing the necessary information to educational providers.